

RCA



U
S
e
r
m
a
n
u
a
l

IMPORTADOR
COMERCIALIZADORA THOMSON DE MEXICO
S.A. DE C.V.
MIGUEL DE CERVANTES SAAVEDRA NO.57
COL. GRANADA
MEXICO D.F. C.P. 11520
TELEFONO: 52 54 53 73
R.F.C. CTM-980723 KS5

Thomson multimedia Inc.
10330 N. Meridian St.
Indianapolis, IN 46290
©2001 Thomson multimedia Inc.
Trademark(s) ® Registered
Marca(s) ® Registrada(s)
Marque(s) ® Déposée(s)
(EN/F/E)
www.rca.com

RP2415

FCC information

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. In accordance with FCC requirements, changes or modifications not expressly approved by Thomson multimedia Inc. could void the user's authority to operate this product. This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception. If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
 - Move the unit away from the equipment that is receiving interference.
 - Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.
- If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies. This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

For Your Records

In the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number:

Date of Purchase
Place of Purchase
Serial No.

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

IT IS IMPORTANT TO READ THIS INSTRUCTION BOOK PRIOR TO USING YOUR NEW PRODUCT FOR THE FIRST TIME.

Warning – Use of this product is for your personal use only. Copying CDs or downloading music files for sale or other business is a violation of copyright law. It is also a violation of copyright law to download files without the permission of the copyright owner.

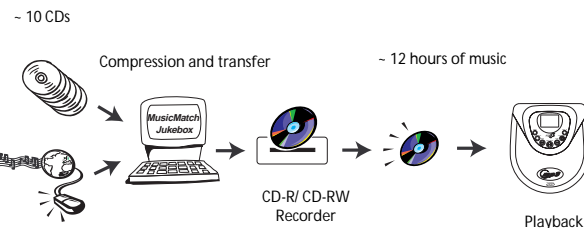
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme du NMB-003 du Canada



Before you begin

What's so special about this audio CD / MP3 disc player?

Besides traditional audio CDs, this player is meant to play MP3 files encoded on a CD-ROM. You can store up to 12 hours of music on a single disc (at 128kbps). Creating MP3 CDs requires the use of a computer with a CD-R / CD-RW writer and a music management software (MusicMatch Jukebox recommended). To fully enjoy the functionalities of your MP3 CD player, we recommend you to record your MP3 CD using folders and subfolders.



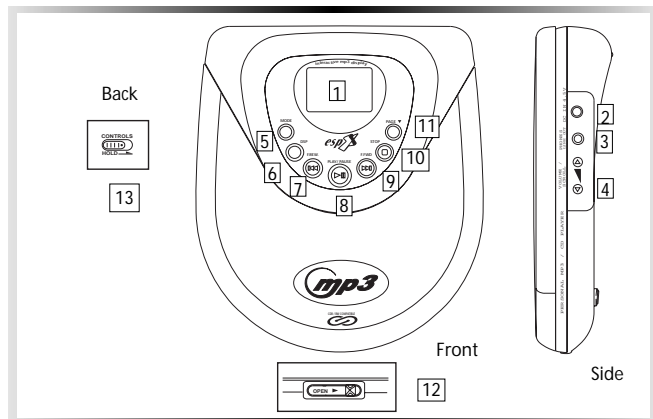
Compressed music
www.thomson-lyra.com, www.lyrazone.com
www.thomson-music.com, www.musicmatch.com,
www.emusic.com

Music management software - MusicMatch™ Jukebox

Upon unpacking the unit, you should find the music management software - MusicMatch Jukebox enclosed. Insert the software disc into your computer and click on "MusicMatch User's Guide" if you need assistance on installation of the software and creating MP3 discs for your enjoyment with this unit.



Before you begin



1. Display
2. **DC IN** - insert the transformer plug here for indoor use or battery recharging.
3. **PHONES LINE OUT** - insert headphones or line out cord here.
4. **VOLUME / SCROLL** - to adjust sound volume and scroll up / down menus.
5. **MODE** - to select playback mode for repeat, shuffle and playlist functions.
6. **DSP** - to select enhanced sound modes.
7. **F. REW.** - for backward track skip, track quick scan and returning to previous menu.
8. **PLAY / PAUSE** - to play, or pause playback and confirm menu selections.
9. **F. FWD** - for forward track skip, track quick scan and entering into folders & menus.
10. **STOP** - to stop playback and turn off the unit.
11. **PAGE** - to skip to next menu page.
12. **OPEN** - slide rightward to open the disc compartment.
13. **CONTROLS HOLD** - Slide rightward to avoid accidental activation of buttons. Slide left for normal operation.

3

Before you begin

Model	Transformer	Batteries
RP2415	120V, 60Hz (Canada - included) (U.S. - included)	AA (LR6) x 4 (not included)

Power Supply Requirements

You can power your CD player with an AC/DC transformer. Refer to the table for details on operating voltages for the transformer.


AC/DC transformer is for indoor use only where the condition is dry. The jack must be disconnected from the device in order for it to be battery operated.

Note : Power is fed to the unit even when it is not functioning. To cut the power supply, the AC/DC transformer must be unplugged.

Batteries Power Supply

Refer to the table for details on batteries required to operate your unit. To insert batteries, slide and then lift open the battery compartment door. Insert 4 AA(LR6) batteries with polarities corresponding to indications on the compartment.

Battery Level

Refer to the power level indicator on display for battery level. Replace with new batteries when the indicator is empty. 

Car (DC) Power Supply Adaptor

Plug the car (DC) power supply adaptor into the DC in 8V jack at the rear/side of the CD player & then into the cigarette lighter receptacle in your car.

Loading a Disc

1. Slide lid **OPEN** latch to the right to open the disc compartment.
2. Insert a disc with label side up and press lightly on the center so that it fits onto the hub.
3. Close the disc compartment.

4

Playing audio CD



1. Turn the unit on. Disc content will be read.



2. Select track with ">" pointing to your selection.



3. Start playback. Current track number and elapsed playback time shows on display. Press during playback to pause playing and press again to resume.



4. Adjust sound volume. Refer to the volume bar on display for sound level.



5. Stop playback. Press again to turn the unit off.



- Press once to skip to next track start, press and hold for quick forward scan of current track.



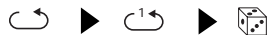
- Press once to return to previous track start. Press and hold for quick backward scan of current track.



- Press repeatedly during playback to select among the sound enhancement modes: -
DBBS > SURR > DBBS + SURR > (FLAT)
(DBBS = digital bass boost system, SURR = surround sound)



- Press repeatedly during playback for the following playback modes: -
Repeat disc > Repeat current track > Shuffle playback > (Normal playback).



Reading Disc
Please Wait...

Audio CD
> Track 01
Track 02
Track 03
Track 04

TRK 01 03:45

VOL []

TRK 01 03:45
DBBS + SURR

VOL []

TRK 01 03:45

VOL []

Playing MP3 disc



1. Turn the unit on. Disc content will be read.



2. Select track or folder with ">" pointing to your selection.



3. Open a folder.



4. Exit a folder and return to previous menu.



5. Skip to following menu page.



6. Start track playback. Current track name, artist name, MP3 file name, elapsed playback time and bit rate show on display during playback.
(Note: track name and artist name are only available if you have created them before disc recording using ID3 tag V1.0 or V1.1.)
• Press during playback to pause playing and press again to resume.



7. Adjust sound volume. Refer to the volume bar on display for sound level.



8. Stop playback. Press again to turn the unit off.



- Press once to skip to next track start, press and hold for quick forward scan of current track.



- Press once to return to previous track start. Press and hold for quick backward scan of current track.

Reading MP3
file system
Folders: 10
Track: 102
Please Wait...

MP3 CD
> Love Song
Where are yo
Rock
Classic

VOL []

Love Song
The Pop Group
file 01
03:04
256kbps

VOL []

Playing MP3 disc



• Press repeatedly during playback to select among the sound enhancement modes: -
DBBS > SURR > DBBS + SURR > (FLAT)
(DBBS = digital bass boost system, SURR = surround sound)



• Press repeatedly during playback for the following playback modes: -

Repeat disc > **Repeat current folder** >

Repeat current track > **Shuffle track play**

back > **Shuffle folder playback** >

(Normal playback).

NOTE:

When you press **PLAY** (normal playback) while ">" is pointing to a folder, the unit will start playback from the first song of that folder until the end of the disc. If the folder contains no MP3 tracks, no song will be played. Repeat and shuffle playback of a folder only limit to the tracks and subfolders in that selected folder.



Playing MP3 disc

EN

MP3 Recommendations

- When converting audio files into MP3 for saving onto CD-R(W) or CD-ROM, use .mp3 as the extension e.g. Song02.mp3. Do not use any other extension e.g. .doc, .pdf.
- Never use the .mp3 extension for other text or non-audio data files as this may cause serious malfunction and harmful noise interference.
- Do not burn your disc into different sessions. Files from the second session will not be played. **It is highly recommended that you create your CD by writing only once.**
- Many common CD creator softwares can make files compatible for the system but **do not forget to finalize your disc after creation.**
- **Do not combine CD Audio and MP3 tracks onto a CD-R(W) or CD-ROM. The player will only play CD audio tracks from mixed CD formats.**
- For better quality in MP3 disc playback, we recommend MP3 disc bit rate from 32 to 256kbps. Nevertheless, your unit may play tracks encoded in variable bit rate (VBR).

Listening to a CD in your car

1. Select a power source (either battery power or the car DC adaptor)
2. Insert the cassette adaptor into the tape deck and plug the cord into the CD player's **PHONES/LINE OUT** jack.
3. Insert a compact disc and press **PLAY/ PAUSE** button. Adjust CD player's volume to a mid level (make sure the Bass Boost is turned off).
4. Use the car stereo to adjust volume, tone ... Adjust the volume of your CD player for better volume control.
5. Before ejecting the cassette after you have finished listening, make sure the car stereo's volume is turned down.

Mode menu

General Use



1. Press while playback is stopped to enter mode menu. There are 5 selections in the main menu for entering into the sub-menus:

- Normal (for resuming normal playback)
- Repeat (for selecting among repeat modes)
- Shuffle (for selecting among shuffle playback modes) ("MIX" for Thomson model)
- Playlist (for creating playback program)



2. Scroll through menus with ">" pointing to your selection.



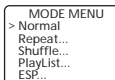
3. Press **F. REW.** to return to previous menu. Press **F. FWD.** to enter into a sub-menu.



4. Confirm a selection.

• Normal

Select this mode in the main menu to resume the unit to normal playback if it is in random, repeat or playlist mode.



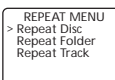
• Repeat

There are several options under this menu:

For CD - 1) repeat disc and 2) repeat track,

For MP3 disc - 1) repeat disc, 2) repeat folder (including all sub-folders inside) and 3) repeat track.

(You can also select these modes directly during playback by pressing **MODE** repeatedly. Refer to p.4 & 6 for details)



Mode menu

• Shuffle ("MIX" for Thomson model)

Under this option, you can see the following options for shuffle playback:

For CD - 1) shuffle disc,

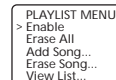
For MP3 disc - 1) shuffle disc and 2) shuffle folder (including all sub-folders inside).

(You can also select these modes directly during playback by pressing **MODE** repeatedly. Refer to p.5 & 7 for details)



• Playlist

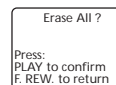
You can create your own playlist (playback program) by assigning tracks/ folders in whatever sequence you want. You can find the following sub-menus after entering this option:



1) **Enable** - select to activate your playlist. A "P" icon can be seen. ("No item in list, Playlist mode NOT enabled. Press F. REW key to return" will be displayed if you have not created a playlist.)
To listen to your playlist - simply press **PLAY** to start playback.



2) **Erase All** - select to erase all tracks in your playlist. A confirmation message can be seen, press **PLAY** to confirm erasing. ("No item in list, Press F. REW key to return" will be displayed if you have not created a playlist.)



3) **Add Song** - select to create new playlist or insert new tracks into your playlist.

• Creating playlist

1. After entering "Add Song" menu, you will be prompted to disc content menu again for track / folder selection.

2. Scroll through the menu with **SCROLL**, **F. FWD**, **F. REW**, **PAGE** buttons and press **PLAY** for selection. A playlist with selected tracks/ folders can be seen. You can make at maximum 30 selections. (Refer to p.5-6 for details in scrolling through the disc menu.)

3. Repeat step 2 for further selections.



Mode menu

• Inserting tracks into playlist

1. If you have already created a playlist, you will be prompted to the playlist after entering "Add Song".
2. Scroll through the playlist with **SCROLL** and **PAGE** buttons and press **PLAY** at the position you want to insert new track.
3. After pressing **PLAY** to confirm the position, you will prompted to the disc content menu for track / folder selection. Scroll through the menu with **SCROLL**, **F. FWD**, **F. REW**, **PAGE** buttons and press **PLAY** to confirm selection. Newly inserted tracks / folders can be seen in the playlist at selected position. (Refer to p.5-6 for details in scrolling through the disc content menu.)
4. Repeat steps 2-3 for further insertions.

Tip: you can select or insert folders in the playlist and all files in it will be played before going on to the next item in the playlist.

- 4) **Erase Song** - select to erase unwanted tracks / folders from the playlist. Scroll through the playlist with **SCROLL** and **PAGE** buttons to select unwanted track with ">" pointing to your selection and then press **PLAY**.

- 5) **View List** - select to view your created playlist. The next track to be played is marked by an asterisk. Scroll through the playlist with **SCROLL** and **PAGE** buttons. ("No item in list , Press F. REW key to return" will be displayed if you have not created a playlist.)

Play List
01- Walking I
> 02- Don't see
03- Disco
04- Where are

Play List
01- Walking I
> 02- Somewhe
03- Don't see
04- Disco
05- Where are

Play List
01- Walking I
02- Somewhe
03- Don't see
> 04- Disco
05- Love Song

* Play List
* 01- Walking I
02- Somewhe
03- Don't see
04- Disco
05- Where are

Quick guide on creating playlist.

1. Select "**Add Song**" to create a playlist.
2. Select "**Enable**" to activate your playlist if you have resumed to normal playback. A "**P**" icon should been seen on display.
3. Simply press **PLAY** to start playing your playlist.
4. For editing playlist, select "**Add Song**" to insert or "**Erase Song**" to erase selections.
5. Select "**View List**" to review playlist.
6. Select "**Erase All**" to erase the whole playlist. (**Note:** playlist will also be erased if you change to a different disc.)

Mode menu/ Troubleshooting tips

• ESP (For Audio CD Only)

- 1) ESP ON - enable ESP
- 2) ESP OFF - de-select ESP (You may switch off ESP when you play the unit at a stable environment, e.g. connect to your audio system through a line out cord for indoor use.)

(ESP = Electronic Shock Protection system prevents sound interruptions when impacts or vibrations occur. It helps consuming less power and increasing battery life. After many successive impacts, the buffer might be emptied causing a brief sound interruption for the memory to reload.)

ESP MENU
> ESP ON
ESP OFF

Troubleshooting Tips

Refer to pages indicated in the brackets () for details.

No power, does not work?

- Batteries may be inserted incorrectly. (4)
- Batteries may be empty. Recharge (only Ni-Cd battery) or replace new batteries. (4)
- Connection may be loose if using AC/DC transformer. (4)
- **HOLD** button may be activated. (3)

Disc cannot be played?

- Disc may not be inserted correctly with label side facing upward. (4)
- CD-RW (or CD-R) disc may not be recorded properly. (8,14)

Skipping tracks or bad sound quality?

- Disc may be dirty or scratched badly. (13)

- Repeat, random or playlist function may be activated. (9-11)
- Disc lens may be dirty and need cleaning. (14)
- There may be strong magnetic fields (e.g. too close to TV) near the unit. (1)

Cannot recharge batteries?

- Wrong batteries may be used (use only Ni-Cd battery). (3-4)
- **RECHARGE** button may not be activated. (3-4)

Cannot play MP3 disc?

- Your disc encoded bit rate may not be between 64 to 256kbps
Note: For best results, we recommend MP3 disc bit rate from 64 to 256kbps. Nevertheless, your unit may play tracks encoded in variable bit rate (VBR). (8)
- The folder being played does not contain MP3 tracks or subfolders. (8)

More information

Useful Advice

- Do not drive with headphones on.
- You should avoid leaving the CD door open. Dust is liable to impair performance of the laser optical unit.
- Do not use your set immediately after transport from a cold place to a warm place: there may be condensation problems.
- Do not use headphones while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- Prolonged use of the CD player at full volume can damage the user's ear.
- Have a Blast- Just Not in Your Eardrums. Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.
- SPC (Thomson model only) -Sound pressure control at 100dB maximum.



Battery Precautions

- When storing the unit or unplugging it from the AC outlet for a month or more, be sure to remove the batteries because they may leak and damage the unit.
- Batteries may leak electrolyte if inserted incorrectly, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.

- Discard leaky batteries immediately. Leaking batteries may cause skin burns or other personal injury.
- Dispose of batteries, according to federal, state and local regulations.
- **Please respect the environment** - Before throwing any battery away, consult your distributor who may be able to take them back for specific recycling.



Handling discs

- Do not store CDs in damp areas.
- Do not expose CDs to high temperatures.
- Do not touch the signal surfaces.
- Hold discs by the edges, or by one edge and the hole.
- Do not affix labels or adhesive tapes to the label surfaces.
- Do not scratch or damage the label.
- Do not use damaged (cracked or warped) discs.



Cleaning discs

- Dirty discs can cause poor sound and visual quality.
- Always keep discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.



More information

- Never wipe the disc in a circular motion since circular scratches are likely to occur and could cause noise during playback.
- If a disc becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
 - Do not use record cleaning sprays or antistatic agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents which may cause damage to disc surface

Disc lens care

- When your disc lens gets dirty it can also cause the system to output poor sound and visual quality. To clean the lens you will need to purchase a disc lens cleaner which can maintain the output sound and visual quality of your system. For instructions on cleaning the disc lens, refer to the ones accompanying the lens cleaner. (RCA disc lens cleaner recommended)



This unit is compatible with CD-RW/ CD-R discs for playback.

Notes on CD-R/RW Disc:

- CD-R/RW discs that are recorded by personal computers or some CD-R/RW recorders may not be played on this unit due to the difference in recording formats.
- Do not affix any type of labels to either side (recordable or labeled side) of a CD-R/RW disc as this may result in the unit malfunctioning.
- To avoid damages to the CD-R/RW disc, do not open the disc compartment door while the disc is being read.
- Do not load an unrecorded CD-R/RW disc into the unit. This may take a longer time to read the disc.

Technical specifications

Technical Specifications

- CD Player
 - 1-bit D/A converter (8 x oversampling)
 - S/N ratio (A weighted): 90dB
 - Frequency response: 40Hz -20kHz for CDDA
 - Supports the CD-Rom, CD-R and CD-RW in ISO9660 and Joliet format.
 - Supports MP3 discs that contains music tracks with mixed bit rates.
 - Multiple bit rate support: 32kbps to 256kbps
 - ID3 tags support: V 1.0 and V 1.1
 - ESP: up to 40 seconds with audio CD, and up to 100 seconds with MP3 CD at 128kbps.
- Connections
 - Headphone/ line out: stereo, 3.5mm
 - DC in: 4.0mm, 8V, centre "+"
- Power Supply
 - 8V DC through AC/DC transformer (refer to table on page 4 for details).
 - 4 x 1.5V, AA(LR6) batteries (RCA - not included, Thomson - included).

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all product and operational details should any discrepancies arise in other languages.

US warranty

EN

What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- One year (The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:

- Provide you with a new, or at our option, a refurbished unit.
- The exchange unit is under warranty for the remainder of the original product's warranty period.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include in the package evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send standard UPS or its equivalent to:

Thomson multimedia Inc.
Product Exchange Centre,
11721 B Alameda Ave,
Socorro, TX 79927

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment in case of loss of damage. Thomson accepts no liability in case of damage or loss.
- A new or refurbished unit will be shipped to you prepaid freight.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of God, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How state law relates to this warranty:

- This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

Canadian warranty

Thomson multimedia Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,
OR

2. Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent).

— Mail prepaid (with proof of purchase) and insured to:

Thomson multimedia Ltd.
6200 Edwards Blvd.,
Mississauga, Ontario,
L5T 2V7
Canada

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:

Thomson multimedia Ltd.

P.O. Box 0944

Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE

NAME OF STORE